

# POSALinc<sup>®</sup>

Knee Adductor Collection



**AEL** Innovation that **Cares**

POSALinc 360 and 180 sold exclusively by AEL (US Patents)

# POSALinc® 360 Knee Adductor

Comfort and Convenience **With a Twist**

## Patented

The patented pin/channel design of POSALinc 360 ensures that the knee adductor swings away — in any direction — and repositions perfectly when the assembly has been set.

## Infinite Adjustability

Post and link combination maximizes personal comfort and support. Simply loosen the links and reposition the post to adjust the distal/proximal location, height, lateral, and pad angle.

## Wide Variety

Choose from traditional 3"x4", 4"x6" or generous 5"x7" pad sizes. Also select from 7/8", 1", 1 1/4", 1 3/8" cane diameters or track mount options.

## Redesigned Clamp

New clamp design includes a set screw to resist slipping on canes. Non-marring set screw grips cane rather than bites — making it less likely to distress the frame.

## Stability

Double-prong clamp mount grips the tubing at two points of contact, providing more stability than collar mount options.

## No Play

The release knob prevents play in the swing-away mechanism. Simply clamp down the knob to lock mechanism in place.

## Practical

Adductor cannot be lost — it remains attached to the chair at all times.

## Compatibility

360 Technology swings away the Knee Adductor in any direction, allowing for compatibility with most chair configurations.



# POSAline<sup>®</sup> 360 Knee Adductor

## 3" x 4" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13605L	13605R
7/8"	Extended	13605LX	13605RX
1"	Standard	13615L	13615R
1"	Extended	13615LX	13615RX
1 1/4"	Standard	13625L	13625R
1 1/4"	Extended	13625LX	13625RX
1 3/8"	Standard	13635L	13635R
1 3/8"	Extended	13635LX	13635RX
Track	Standard	13655L	13655R
Track	Extended	13655LX	13655RX

## 4" x 6" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13608L	13608R
7/8"	Extended	13608LX	13608RX
1"	Standard	13618L	13618R
1"	Extended	13618LX	13618RX
1 1/4"	Standard	13628L	13628R
1 1/4"	Extended	13628LX	13628RX
1 3/8"	Standard	13638L	13638R
1 3/8"	Extended	13638LX	13638RX
Track	Standard	13658L	13658R
Track	Extended	13658LX	13658RX

## 5" x 7" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13609L	13609R
7/8"	Extended	13609LX	13609RX
1"	Standard	13619L	13619R
1"	Extended	13619LX	13619RX
1 1/4"	Standard	13629L	13629R
1 1/4"	Extended	13629LX	13629RX
1 3/8"	Standard	13639L	13639R
1 3/8"	Extended	13639LX	13639RX
Track	Standard	13659L	13659R
Track	Extended	13659LX	13659RX

\* Post lengths: Standard 7" or Extended 10"

# POSALinc® 360 Knee Adductor

## Itemized Ordering

If you prefer to itemize your order, please select both a Hardware Assembly as well as a Pad Assembly.

If ordering a pair, your itemized order must specify four part numbers - one Hardware and one Pad Assembly per each side of the chair. If ordering just one knee adductor, your itemized order should specify two part numbers.



POSALinc 360 Frame Mount Hardware



POSALinc 360 Track Mount Hardware

Mount	Left Part No.	Right Part No.
7/8"	13605LH	13605RH
1"	13615LH	13615RH
1 1/4"	13625LH	13625RH
1 3/8"	13635LH	13635RH
Track	13655LH	13655RH



3" x 4" Pad Assembly



4" x 6" Pad Assembly



5" x 7" Pad Assembly

Pad Size	Post	Left Part No.	Right Part No.
3" x 4"	Standard	13600-5L	13600-5R
3" x 4"	Extended	13600-5LX	13600-5RX
4" x 6"	Standard	13600-8L	13600-8R
4" x 6"	Extended	13600-8LX	13600-8RX
5" x 7"	Standard	13600-9L	13600-9R
5" x 7"	Extended	13600-9LX	13600-9RX

\* Post lengths: Standard 7" or Extended 10"

**NOTE:** Hardware and Pad Assemblies must be ordered together and cannot be ordered separately.

# POSAlinc<sup>®</sup> 180 Knee Adductor

Simplicity at its Finest, **Durability at its Core**



## Wide Variety

Choose from traditional 3"x4", 4"x6" or generous 5"x7" pad sizes. Also select from 7/8", 1", 1 1/4", 1 3/8" cane diameters or track mount options.

## Infinite Adjustability

Post and link combination maximizes personal comfort and support. Simply loosen the links and reposition the post to adjust the distal/proximal location, height, lateral, and pad angle.



## Redesigned Clamp

New clamp design includes a set screw to resist slipping on cane mounts. Non-marring set screw grips cane rather than bites — making it less likely to distress the frame.

## Stability

Double-prong clamp grips the tubing at two points of contact, providing more stability than collar mount options.

## 180 Swing-Away

Knee adductor pad swings in a single direction enabling the user to swing pad back up and lock into place with ease.

## Crash Tested

POSAlinc 180 is one of the first knee adductors to be crash tested and approved to the WC20 standard for use in motor vehicles.

## 50% More Durable

The POSAlinc 180 is 50% stronger than the POSAlinc 360. Static and repetitive load testing was conducted in accordance to the ISO 16840-3 guidelines.

## Patented

The durable 180 swing-away mechanism is sold exclusively by AEL.



## Accessibility

Release button was designed with limited hand function in mind. The large button is easy to access in order to release the knee adductor pad.

# POSAline® 180 Knee Adductor

## 3" x 4" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13805L	13805R
7/8"	Extended	13805LX	13805RX
1"	Standard	13815L	13815R
1"	Extended	13815LX	13815RX
1 1/4"	Standard	13825L	13825R
1 1/4"	Extended	13825LX	13825RX
1 3/8"	Standard	13835L	13835R
1 3/8"	Extended	13835LX	13835RX
Track	Standard	13855L	13855R
Track	Extended	13855LX	13855RX

## 4" x 6" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13808L	13808R
7/8"	Extended	13808LX	13808RX
1"	Standard	13818L	13818R
1"	Extended	13818LX	13818RX
1 1/4"	Standard	13828L	13828R
1 1/4"	Extended	13828LX	13828RX
1 3/8"	Standard	13838L	13838R
1 3/8"	Extended	13838LX	13838RX
Track	Standard	13858L	13858R
Track	Extended	13858LX	13858RX

## 5" x 7" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13809L	13809R
7/8"	Extended	13809LX	13809RX
1"	Standard	13819L	13819R
1"	Extended	13819LX	13819RX
1 1/4"	Standard	13829L	13829R
1 1/4"	Extended	13829LX	13829RX
1 3/8"	Standard	13839L	13839R
1 3/8"	Extended	13839LX	13839RX
Track	Standard	13859L	13859R
Track	Extended	13859LX	13859RX

\* Post lengths: Standard 7" or Extended 10"

# POSALinc® 180 Knee Adductor

## Itemized Ordering

If you prefer to itemize your knee adductor order, please select both a Hardware Assembly as well as a Pad Assembly. If ordering a pair, your itemized order must specify four part numbers - one Hardware and one Pad Assembly per each side of the chair. If ordering just one knee adductor, your itemized order should specify two part numbers.



POSALinc 180 Frame Mount Hardware



POSALinc 180 Track Mount Hardware

Mount	Left Part No.	Right Part No.
7/8"	13805LH	13805RH
1"	13815LH	13815RH
1 1/4"	13825LH	13825RH
1 3/8"	13835LH	13835RH
Track	13855LH	13855RH



3" x 4" Pad Assembly



4" x 6" Pad Assembly



5" x 7" Pad Assembly

Pad Size	Post	Left Part No.	Right Part No.
3" x 4"	Standard	13800-5L	13800-5R
3" x 4"	Extended	13800-5LX	13800-5RX
4" x 6"	Standard	13800-8L	13800-8R
4" x 6"	Extended	13800-8LX	13800-8RX
5" x 7"	Standard	13800-9L	13800-9R
5" x 7"	Extended	13800-9LX	13800-9RX

\* Post lengths: Standard 7" or Extended 10"

**NOTE:** Hardware and Pad Assemblies must be ordered together and cannot be ordered separately.

# POSAline<sup>®</sup> Original Knee Adductor

The Brand You Know, **the Original You Trust**

## Options

Choose from traditional 3"x4", 4"x6" or generous 5"x7" pad sizes. Also select from 7/8", 1", 1 1/4", 1 3/8" cane diameters or track mount options.

## Stability

Double-prong clamp grips the tubing at two points of contact, providing more stability than collar mount options.

## Redesigned Clamp

New clamp design includes a set screw to resist slipping on canes. Non-marring set screw grips cane rather than bites — making it less likely to distress the frame.

## Infinite Adjustability

Post and link combination maximizes personal comfort and support. Simply loosen the links and reposition the post to adjust the distal/proximal location, height, lateral, and pad angle.

## Removable Option

With the addition of the POSAline Original Knob Kit, convert the knee adductor from fixed to removable. *Knob sold separately.*





# POSAline® Original Knee Adductor

## 3" x 4" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13505L	13505R
7/8"	Extended	13505LX	13505RX
1"	Standard	13515L	13515R
1"	Extended	13515LX	13515RX
1 1/4"	Standard	13525L	13525R
1 1/4"	Extended	13525LX	13525RX
1 3/8"	Standard	13535L	13535R
1 3/8"	Extended	13535LX	13535RX
Track	Standard	13555L	13555R
Track	Extended	13555LX	13555RX

## 4" x 6" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13508L	13508R
7/8"	Extended	13508LX	13508RX
1"	Standard	13518L	13518R
1"	Extended	13518LX	13518RX
1 1/4"	Standard	13528L	13528R
1 1/4"	Extended	13528LX	13528RX
1 3/8"	Standard	13538L	13538R
1 3/8"	Extended	13538LX	13538RX
Track	Standard	13558L	13558R
Track	Extended	13558LX	13558RX

## 5" x 7" Pad

Mount	Post	Left Part No.	Right Part No.
7/8"	Standard	13509L	13509R
7/8"	Extended	13509LX	13509RX
1"	Standard	13519L	13519R
1"	Extended	13519LX	13519RX
1 1/4"	Standard	13529L	13529R
1 1/4"	Extended	13529LX	13529RX
1 3/8"	Standard	13539L	13539R
1 3/8"	Extended	13539LX	13539RX
Track	Standard	13559L	13559R
Track	Extended	13559LX	13559RX

\* Post lengths: Standard 7" or Extended 10"

# Basic Knee Adductor

## Simple Comfort **Without the Cost**



### Cost-Effective

Offers the same comfort as the POSAlinc technology but at a lower cost.

### Adjustability

Swivel the 3"x4" pad to adjust the angle.

### Mounting Options

Available in either 7/8" or 1" frame mount.

Mount	Pad Size	Part No.	UOM
7/8"	3" x 4"	13405	1 ea
1"	3" x 4"	13415	1 ea

## Accessories & Upgrades



### Replacement Pads

Compatible with all AEL Knee Adductors. Choose one of three sizes: 3" x 4", 4" x 6", or 5" x 7". *Hardware not included.*

Pad Size	Part Number	UOM
3" x 4"	13715	1 ea
4" x 6"	13718	1 ea
5" x 7"	13719	1 ea



### Knee Adductor Pad Modifications

For additional pressure relief, upgrade the standard 1/2" medium SunMate foam.

Foam Option	Part Number	UOM
1/2" SynerGel™	13081	1 ea
1/2" Pudgee™	13090	1 ea
1" Medium SunMate®	13052	1 ea

### POSAlinc® Accessory Kits

**Original Knob Kit:** Compatible with POSAlinc Original Knee Adductors as a tool-less solution for simple adjustment and adductor removal.

**Permobil® Track Insert Kit:** Compatible with all POSAlinc Knee Adductors to allow for mounting to a Permobil UniTrack.

Kit Description	Part Number	UOM
Original Knob Kit	13520	1 ea
Permobil® Track Insert Kit	11143	1 ea

## POSALinc Knee Adductors

Knee adductors provide unilateral or bilateral femoral alignment while seated in the wheelchair seating system.

The POSALinc adductor will provide lateral blocking to an effected lower extremity, thus providing a neutral position and reducing the risk of pressure related issues due to abnormal positioning, and/or the distal femur resting against the framework of the wheelchair.

## All AEL Knee Adductors

### Post-Operative Positioning

The POSALinc Adductor is a valuable tool for clients who have experienced total hip arthroplasty, femoral rodding, open reduction internal fixation of the femur or other surgical intervention to the lower extremities. It safely positions with as much neutrality as possible to protect the surgical intervention, and prevent seating-related orthopedic concerns.



### Aggressive Positioning

In the case of non-correctible windswept deformity, an adductor pad may be necessary at the distal femur on the side which is abducted (externally rotating and pulling away from the body) to prevent further abduction and attempt to stop the progression of the existing abduction presentation.

### Tone

In cases of low tone, the POSALinc Adductor will provide the client with a stable, yet pressure-relieving lateral support to promote neutrality and femoral alignment. When used with an abductor pad, the adductor will offer a femoral well to better ensure proper femoral positioning.

In cases of high tone, the POSALinc Adductor offers significant resistance to tone, excessive movements and aggressive repositioning of the lower extremities.



## Versatility of POSALinc 360 Knee Adductor

### Stability

The POSALinc 360 provides maximum support when in place via the no-play design. The lack of unwanted movement in the pad offers prevention against pressure related issues.

### Unobtrusive Design

The 360 swing-away mechanism swings away the pad assembly in any direction preventing obstruction of other products on the wheelchair. This multi-directional swing-away feature allows the POSALinc 360 to be compatible with a variety of wheelchair configurations.

## Adaptability of POSALinc 180 Knee Adductor

### ISO 16840-3 Compliant

The POSALinc 180 has been heavily tested to ensure its durability. Static and repetitive load testing was conducted in accordance to the ISO 16840-3 guidelines.

### WC20 Transit Approved

With the safety of its users in mind, the POSALinc 180 Knee Adductor has been crash tested and approved to the WC20 standard for use in motor vehicles. ANSI/RESNA suggests the use of WC20 compliant seating and positioning components on WC19 compliant wheelchairs to increase transport safety in motor vehicles.



### Limited Hand Function

With the use of the large button, the POSALinc 180 release mechanism gives clients easy access to release the knee adductor pad from its locked position. The single swing-away direction enables the user to bring the pad back to position with ease.

